

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8191 (1976): Retractor, Pillar, Anterior and Tonsil Eucleator, Mollison's Pattern [MHD 4: Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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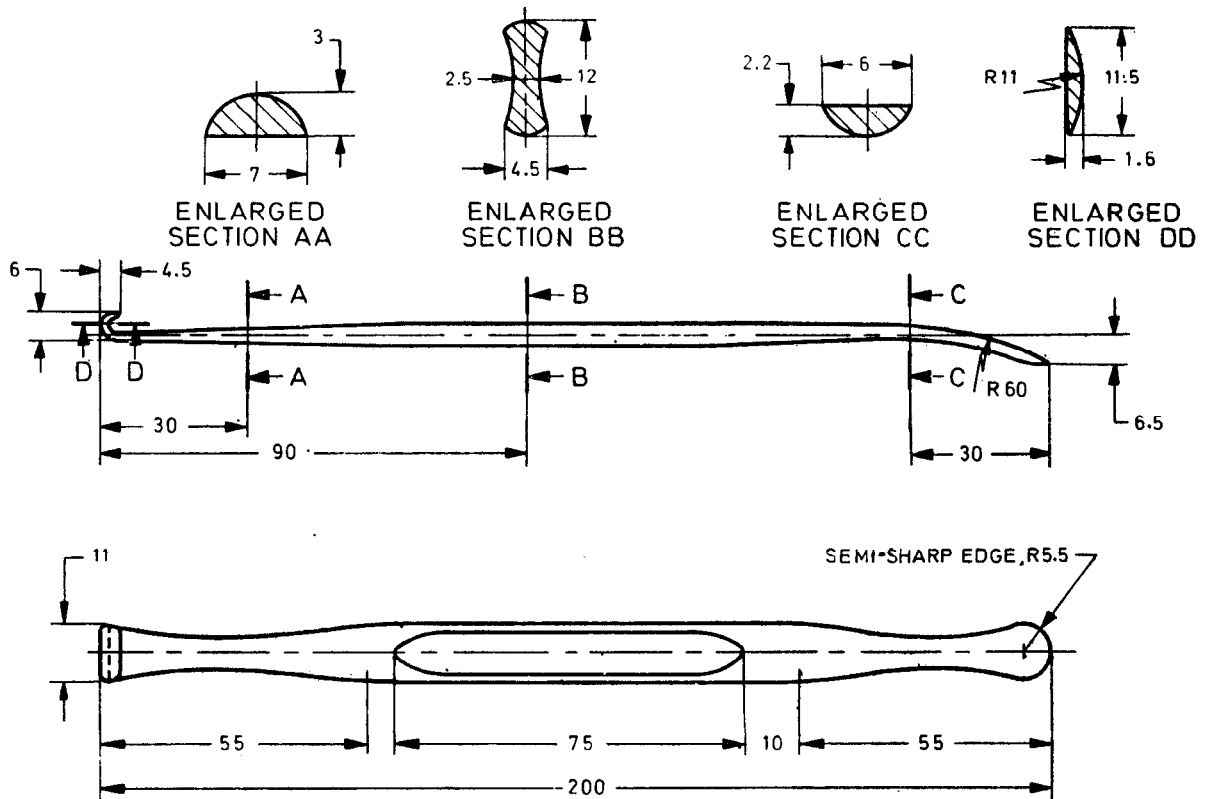


Indian Standard

## SPECIFICATION FOR RETRACTOR, PILLAR, ANTERIOR AND TONSIL ENUCLEATOR, MOLLISON'S PATTERN

**1. Scope** — Dimensional and other requirements for Mollison's pattern semi-sharp anterior pillar retractor and tonsil enucleator used in ENT surgery.

**2. Shape and Dimensions** — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 RETRACTOR, PILLAR, ANTERIOR AND TONSIL ENUCLEATOR, MOLLISON'S PATTERN

**2.1** A deviation of  $\pm 2.5$  percent shall be allowed on all dimensions.

**3. Material** — Stainless steel conforming to Designation 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

#### 4. Workmanship and Finish

**4.1** The surfaces of the instrument shall be free from burrs, pits, cracks and other defects and shall be finished smooth.

**4.2** The edges shall be even. They shall be rounded except the cutting edge which shall be semi-sharp. The cutting edge shall not incise the skin.

**4.3** The instrument shall be soundly forged and balanced on its central line.

**4.4** The instrument shall be passivated and polished bright.

Adopted 5 May 1976

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**IS : 8101 - 1976**

**5. Heat Treatment** — The instrument shall be uniformly hardened and tempered to a hardness of 430 to 450 HV.

**6. Corrosion Resistance Test** — Test the instrument as prescribed in IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. It shall show no sign of corrosion after the test.

**7. Marking** — Each instrument shall be marked with the manufacturer's name, initials or recognized trade-mark.

**7.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**8. Packing** — The instruments shall be wrapped in moisture-proof paper or packed in polyethylene bags, using suitable cushioning material like folded tissue paper, and shall then be packed in individual cartons; or shall be packed as agreed to between the purchaser and the supplier.